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Datasheet for ABIN6990948
anti-POLR3F antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	POLR3F
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR3F antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	POLR3F antibody was raised against a 21 amino acid synthetic peptide from near the amino terminus of human POLR3F. The immunogen is located within the first 50 amino acids of POLR3F.
Isotype:	IgG
Purification:	POLR3F Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	POLR3F
Alternative Name:	POLR3F (POLR3F Products)
Background:	POLR3F Antibody: The human POLR3F is a component of RNA III polymerase. RNA polymerase

Target Details

III transcribes many essential, small, noncoding RNAs, including the 5S rRNAs and tRNAs. While most pol III-transcribed genes are found scattered throughout the linear chromosome maps or in multiple linear clusters, there is increasing evidence that many of these genes prefer to be spatially clustered, often at or near the nucleolus. This association could create an environment that fosters the coregulation of transcription by pol III with transcription of the large ribosomal RNA repeats by RNA polymerase I (pol I) within the nucleolus. Given the high number of pol III-transcribed genes in all eukaryotic genomes, the spatial organization of these genes is likely to affect a large portion of the other genes in a genome. POLR3F has also been recently identified as an HIV dependency factor (HDF), suggesting that POLR3F may be an important drug target in HIV treatment. At least two isoforms of POLR3F are known to exist.

Gene ID: 10621

UniProt: [Q9H1D9](#)

Application Details

Application Notes: POLR3F antibody can be used for detection of POLR3F by Western blot at 0.5 - 1 μ g/mL. Antibody can also be used for immunohistochemistry starting at 2.5 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: POLR3F Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: POLR3F antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.